

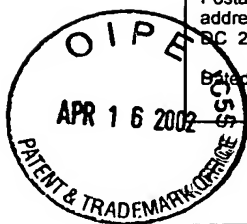
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Dated: April 15, 2002

Signature:

*Susan Hunter*  
(SUSAN HUNTER)

Docket No.: HO-P02080US1  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Matsuda et al.

Customer No. 26271  
(10025547)

Application No.: 10/041,081

Group Art Unit: 1642

Filed: January 7, 2002

Examiner: not yet assigned

For: DITERPENE-PRODUCING UNICELLULAR  
ORGANISM

**FIRST PRELIMINARY AMENDMENT**

**Box Missing Parts**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**In the Specification**

Please substitute the below amended paragraphs for paragraphs 91 and 155 of the specification.

**Paragraph 91:**

The representative example employed herein was a sterol uptake control mutant (*upc*<sup>-</sup>) that was isolated *via* ethylmethanesulfonate mutagenesis from wild-type *Saccharomyces cerevisiae* (Lewis *et al.*, 1998). The sterol uptake control *UPC2* allele *upc2-1* (SEQ ID NO:399) increases the metabolic flux of sterol biosynthesis. It was originally cloned by calcium sensitivity, and the protein contains a DNA binding motif. The *upc2-1* allele confers Erg<sup>-</sup> Hem<sup>+</sup> prototrophy and is a semi-dominant mutation. The mutation is a point mutation that results in an Asp residue instead of a Gly residue at amino acid 888. The *upc2-1* allele (Crowley *et al.*, 1998; Leak *et al.*, 1999; both incorporated by reference in their entirety